

instructing data for a search to a control unit of a receiver for receiving a broadcast in which additional information is multiplexed with main information including one of audio information and video information;

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determining in the control unit whether the search data is included in one of the additional information of programs currently being broadcast and programs to be broadcast; and

one of tuning to and notifying of detection of a program when the search data is included in the additional information of the program.

--23. (Amended) The method according to Claim 22, wherein the additional information includes text information that is separable on an item-by-item basis and text information of an item selected by a user from the additional information displayed item by item is instructed to the control unit as the search data.--

REMARKS

Claims 1-23 remain in the application and have been amended hereby.


As will be noted from the Declaration, Applicant is a citizen and resident of Japan and this application originated there.

Accordingly, the amendments to the specification are made to place the application in idiomatic English, and the claims are amended to place them in better condition for examination.

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An early and favorable examination on the merits is
earnestly solicited.

Respectfully submitted,
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VERSION WITH MARKINGS TO SHOW CHANGES MADEIN THE ABSTRACT OF THE DISCLOSURE

The Abstract of the Disclosure has been amended as follows:

--A receiver for receiving a digital radio broadcast in which additional information is multiplexed with audio information includes a memory for storing the additional information, [an LCD] a liquid crystal display (LCD), and a bookmark button. When the bookmark button is depressed during reception of a program, a control unit stores the additional information of the program in the memory as bookmark data. The bookmark data stored in the memory is displayed on the LCD. When data[, for example, "Modern Jazz",] is specified as search data[,] the control unit sequentially searches programs currently being broadcast or [programs] to be broadcast [later, detecting], and detects and [tuning] tunes in to a program [which] that includes the search data in the additional information [thereof] of the program. Alternatively, the additional information of the detected program is displayed on the LCD[,] and tuning in to the program is performed in accordance with an operation by [the] a user.--

IN THE CLAIMS

Claims 1-23 have been amended as follows:

--1. (Amended) A receiver, comprising:

a receiving unit for receiving a broadcast in which additional information is multiplexed with main information including one of audio information [or] and video information;
a memory for storing the additional information; and
a control unit for storing the additional information received by [said] the receiving unit in [said] the memory during reception of the broadcast.

--2. (Amended) [A] The receiver according to Claim 1, further comprising operation means for capturing the additional information into [said] the memory, wherein [said] the control unit stores the additional information in [said] the memory when [said] the operation means is operated and the additional information is received by [said] the receiving unit.

--3. (Amended) [A] The receiver according to Claim 1, further comprising:

a display for displaying the additional information; and
operation means for capturing the additional information into [said] the memory[;],

wherein [said] the control unit displays the additional information received by [said] the receiving unit on [said] the display[,], and stores the additional information in [said] the memory when [said] the operation means is operated while the additional information is [in display] being displayed.

--4. (Amended) [A] The receiver according to Claim 1, wherein the additional information includes text information [which] that is separable on an item-by-item basis[,] and [said] the control unit stores the received additional information in [said] the memory in an item-by-item data structure.

--5. (Amended) [A] The receiver according to Claim 4, wherein [said] the control unit sorts the additional information stored in [said] the memory using a specified item of the text information as a key.

--6. (Amended) [A] The receiver according to Claim 4, further comprising a display for displaying the additional information, wherein [said] the control unit sorts the additional information using a specified item of the text information as a key before displaying the additional information on [said] the display.

--7. (Amended) [A] The receiver according to Claim 6, wherein said control unit displays one set of the additional information stored in [said] the memory on [said] the display item by item[,] and sorts the additional information stored in [said] the memory using an item of the additional information selected by [the] a user as [a] the key before displaying the additional information on [said] the display.

--8. (Amended) [A] The receiver according to Claim 1, wherein [said] the control unit sequentially searches additional information of programs currently being broadcast using text information selected by [the] a user from the additional information stored in [said] the memory as search data[,] and detects [programs which include] a program that includes the search data in additional information [thereof] of the detected program.

--9. (Amended) [A] The receiver according to Claim 8, wherein [said] the control unit tunes in to a program detected first.

--10. (Amended) [A] The receiver according to Claim 8, wherein [if a] when the program [which] that includes the search data in the additional information [thereof] is detected[, said] the control unit notifies the user of the detection and tunes in to the detected program in accordance with a selecting operation by the user.

--11. (Amended) [A] The receiver according to Claim 8, further comprising a display for displaying the detected [programs] program, wherein [said] the control unit displays the detected [programs] program simultaneously on [said] the display[,] and when the user selects [one of] the [programs] displayed [on said display, said] program the control unit tunes in to the selected program.

--12. (Amended) [A] The receiver according to Claim 1, further comprising a display for displaying the additional information, wherein the additional information includes text information [which] that is separable on an item-by-item basis, and [said] the control unit; displays one set of the additional information stored in [said] the memory on [said] the display item by item[,] sequentially searches the additional information of programs currently being broadcast using text information of one of the displayed items selected by [the] a user as search data[,] and detects [programs which include] a program that includes the search data in the additional information [thereof] of the detected program.

--13. (Amended) [A] The receiver according to Claim 12, wherein [said] the control unit tunes in to a program detected first.

--14. (Amended) [A] The receiver according to Claim 12, wherein if a program [which] that includes the search data in the additional information [thereof] is detected[, said] the control unit displays the additional information on [said] the display and tunes in to the detected program in accordance with a selecting operation by the user.

--15. (Amended) [A] The receiver according to Claim 12, wherein [said] the control unit displays the detected programs simultaneously on [said] the display[,] and when one of the

displayed programs is selected by the user[, said] the control unit tunes in to the selected program.

--16. (Amended) [A] The receiver according to Claim 1, wherein [said] the control unit sequentially searches the additional information of programs to be broadcast [later] using text information selected by [the] a user from the additional information stored in [said] the memory as search data[,] and detects [programs which include] a program that includes the search data in the additional information [thereof] of the detected program.

--17. (Amended) [A] The receiver according to Claim 16, wherein [said] the control unit tunes in to a program detected first.

--18. (Amended) [A] The receiver according to Claim 16, wherein when [a] the program [which] that includes the search data in the additional information [thereof] is detected[, said] the control unit notifies the user of the detection and tunes in to the program in accordance with a selecting operation by the user.

--19. (Amended) [A] The receiver according to Claim 1, further comprising a display for displaying the additional information, wherein: the additional information includes text information [which] that is separable on an item-by-item

basis[,], and [said] the control unit displays one set of the additional information stored in [said] the memory on said display item by item, sequentially searches the additional information of programs to be broadcast [later] using text information of an item selected by [the] a user from [the] displayed items as search data, and detects [programs which include] a program that includes the search data in the additional information [thereof] of the detected program.

--20. (Amended) [A] The receiver according to Claim 19, wherein [said] the control unit tunes in to a program detected first.

--21. (Amended) [A] The receiver according to Claim 19, wherein when [a] the program [which] that includes the search data in the additional information [thereof] is detected[, said] the control unit displays the additional information on [said] the display and tunes in to the program in accordance with a selecting operation by the user.

--22. (Amended) A method of program searching, comprising the steps of:

instructing data for a search to a control unit of a receiver for receiving a broadcast in which additional information is multiplexed with main information including one of audio information [or] and video information;

determining in [said] the control unit whether the search

data is included in one of the additional information of programs currently being broadcast [or] and programs to be broadcast [later]; and

one of tuning [it] to [or] and notifying of detection of a program [if] when the search data is included in the additional information [thereof] of the program.

--23. (Amended) [A] The method [of program searching] according to Claim 22, wherein the additional information includes text information [which] that is separable on an item-by-item basis[,] and text information of an item selected by [the] a user from the additional information displayed item by item is instructed to [said] the control unit as the search data.--